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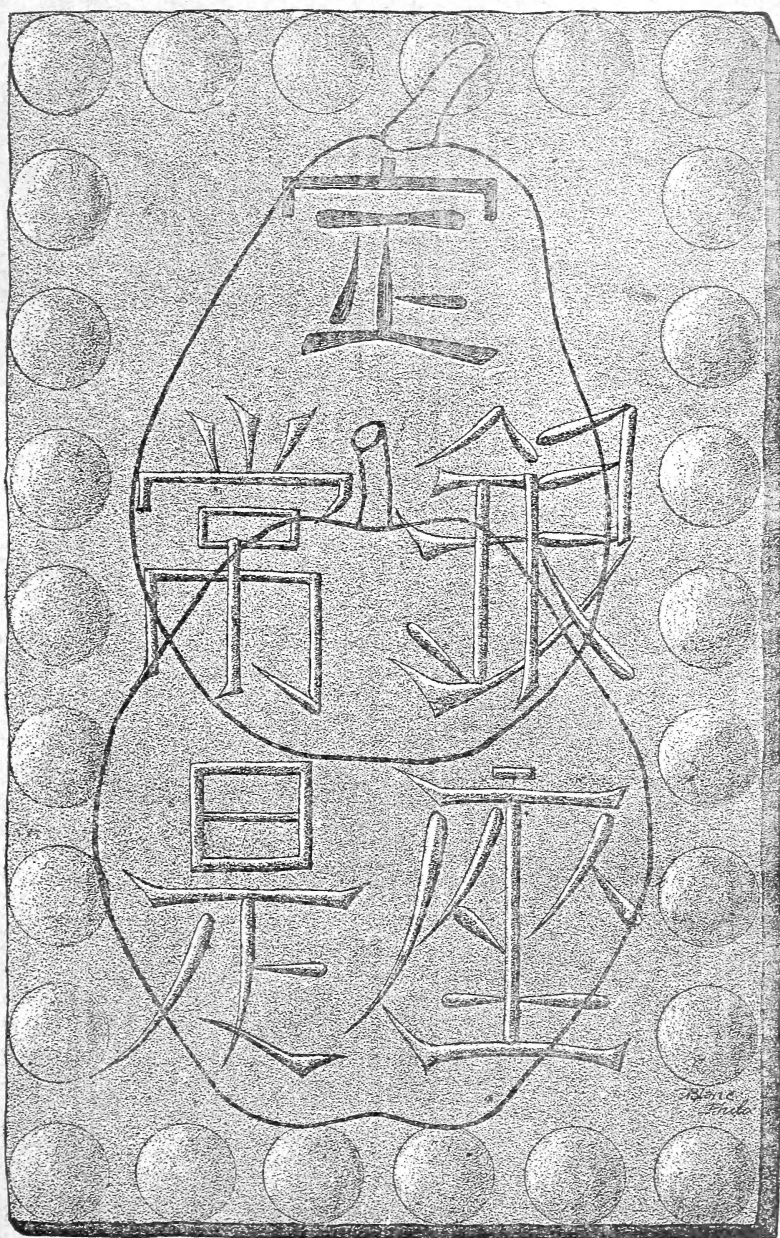
# THE PRACTICAL NURSERYMAN.

A TRADE JOURNAL.

Vol. 3.

HUNTSVILLE, ALA., JANUARY, 1895.


No. 1



To Nurserymen, Florists and Seedsmen,

## Grape Vines.

2,900,000 of 100 VARIETIES. 2 year No. 1, 1 year No. 1, and 1 year No. 2. Best stock in the country. Guaranteed strictly true to name. Prices low. Packing free. Also a select stock and assortment of FRUIT TREES. SMALL FRUITS, ASPARAGUS, & CO. Descriptive Catalogue and Trade Price List free. LEWIS ROESCH, FREDONIA, N. Y.

BUY THE BEST. 

**WHITNEY'S IMPROVED**

**Western Tree Digger.**

Manufactured by

**N. A. WHITNEY,**

FRANKLIN GROVE, LEE CO., ILL.  
Send for Prices.

## JACKSON & PERKINS,

NEWARK, WAYNE COUNTY, NEW YORK.

Growers of CHOICE SPECIALTIES for Nurserymen and Dealers.  
**WHOLESALE ONLY.**


**ROSES**—Home-grown, 2 year old plants, mostly on own roots.

**CLEMATIS**—Strong first-class plants; also nicely selected medium grade at low prices.

**ORNAMENTAL SHRUBS & TREES**—Thrifty well-grown stock; large assortment.

**AUSTRIAN and SCOTCH PINES**—A large stock on land that must be cleared; no reasonable offer refused for fair quantities; also good stock of other Evergreens.

**Industry Gooseberries; Quinces; Currants; Prince Englebert Plum.**

 Send for Surplus List.

**WANTED—PEACHES.** Send list of varieties, quantities, with grades and prices.

## APPLE SEEDLINGS.

Besides the regular grades of Apple Seedlings, I can supply

**A Very Nice Grade of No. 1 and No. 2 of Branched Roots Cheap.**

Or would exchange for Pear, Peach, European or Japan Plum or Prune. Please correspond.

Address:

**J. A. GAGE,**

FAIRBURY, NEB.

## HEADQUARTERS

FOR NORTHERN GROWN

## Apple Seedlings.

Both American and French.

Also make a specialty of putting up IRON CLAD varieties of APPLE GRAFTS. Prices to suit the times. Address

**PIERCE BECHTLE,**

LEMARS, IOWA.

(1212)

We have just what you want in

**Apple Seedlings,**

—AND—

**Apple Root Grafts**

It will pay you to get our prices before placing your orders. Any style grafts you wish—"Whole Roots" or "Piece Roots", straight or branched roots. Also a general line of Nursery Stock. Ask for Price List.

**W. A. WATSON & CO.,**

NORMAL, ILL.

## In Car Lots

Apple, Pear, Cherry, Peach, Plum and Apricot.

## APPLE SEEDLINGS!

FOREST TREE SEEDLINGS.

Including RUSSIAN MULBERRY, Box Elder, Ash, Catalpa, Black Locust, and Osage Hedge.

Will exchange Apple Seedlings for Marianna stocks. }

**BREWER & STANNARD,**

OTTAWA, KANSAS.

Please favor us by mentioning this paper when writing to advertisers.

# THE PRACTICAL NURSERYMAN.

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## THE PRAGTICAL NURSERYMAN.

PUBLICATION OFFICE:

HUNTSVILLE,

ALABAMA.

W. F. HEIKES, Editor and Manager.

Issued Monthly. Sent only to those in the trade. Advertisements 10c. a line agate; \$20.00 a page; one-half page \$10.00; one-fourth page \$5.00. Advertisements must be handed in one week before the day of publication. Advertisements for less than \$5.00 will not be accepted. Discounts: 3 times 5 per cent.; 6 times 10 per cent.; 12 times 25 per cent.

### TO ADVERTISERS.

The circulation of this Journal will be confined strictly to Nurserymen, Florists and Seedsmen, and only invited advertisements of articles pertaining specially to these trades will be inserted. We guarantee a regular monthly circulation of 4,000.

### The Am. Association of Nurserymen

President, J. H. Hale, South Glastonbury, Conn.; First Vice President, N. H. Albaugh, Tadmor, O.; Secretary, Geo. C. Seager, Rochester, N. Y.; Treasurer, N. A. Whitney, Franklin Grove, Ill. Executive Committee: Irving Rouse, Rochester, N. Y., W. J. Peters, Troy, O., D. S. Lake, Shenandoah, Iowa.

Place for next meeting, Indianapolis, Ind., second Wednesday in June, 1895.

### Society of American Florists.

J. T. Anthony, Chicago, President; Robert Kift, Philadelphia, Vice-President; Wm. J. Stewart, 67 Bromfield St., Boston, Mass., Secretary; Wm. J. Stewart, Treasurer pro tem. Place of eleventh annual meeting: Pittsburgh, Pa., August, 1895.

### Am. Seed Trade Association.

D. I. Bushnell, St. Louis, President; S. E. Briggs, Toronto, 1st Vice-president; A. L. Don, 114 Chambers street, New York, Secretary and Treasurer.

### American Pomological Society.

Hon. P. J. Berckmans, Augusta, Ga., President; Chas. L. Watrous, Des Moines, Iowa, First Vice-President; Geo. C. Brackett, Lawrence, Kansas, Secretary; Benj. J. Smith, Cambridge, Mass., Treasurer. Place of next meeting: Sacramento, Cal., in January, 1895.

We purpose to mail this paper to every nurseryman, florist and seedsman in the United States, and to leading firms in the same vocations in foreign countries. We do not solicit subscriptions. If you value THE PRACTICAL NURSERYMAN, please accept it with our compliments

### The Value of Fungicides.

Fruit growers have hardly come to realize what a profitable field the discovery of the value of fungicides has opened up to them. It is most surprising to notice the revolution in fruit growing it has already accomplished.

We have now in our markets, in some abundance, plums, apples, grapes and apricots, to which we have been unaccustomed, comparatively, for some time past, and these fruits have been produced by the proper use of insecticides and fungicides. The codlin moth is driven from the apple, the curculio from the plum and the apricot, and the black rot from the grape, by these means. Farmers have again a chance to add to their profits by securing crops of fruits. There is no question of the efficacy of these poisons. The profit will be his who realizes this the first, and who proceeds to spray his trees before his neighbor has heard of the use of poisons. There is ample time before spring comes when spraying should commence, to become thoroughly acquainted with the different compound and their uses. The National Government has issued pamphlets on the subject, so have many of the agricultural colleges and all the agricultural papers of any note have had more or less to say on the subject during the past year. There seems good reason to hope that by spraying the trees, Western fruit growers may be able to grow the pear. True, it is the fire blight which is the foe at present, and not the leaf blight, which troubles Eastern trees, and which is not so formidable. But from what has been learned of the efficacy of the poisons here, it is confidently believed that the dreaded fire blight will fail of its work where trees are regularly sprayed. The National Government has recently issued a pamphlet setting forth the result of experiments on pear trees to ascertain the possibility of successfully combating the ravages of leaf blight. The result of the work was most gratifying. Not only were the pear trees kept entirely healthy

from their seedling stage to after they were budded and the buds had become young trees, but there seems but little doubt that the spraying they received not only prevented leaf blight but stimulated the plants to a better growth as well.

It is well known among nurserymen that, as a rule, pear and cherry seedlings have to be imported from Europe, because that leaf blight prevents the growth of them here. It would seem that the time has come when this importation need no longer be. The spraying of the seedlings will keep down leaf blight.

In the case of large pear trees attacked by leaf blight, and almost killed by it, I have seen them completely restored in two or three years by spraying two or three times in early spring and summer with the Bordeaux mixture. It will certainly pay farmers and fruit growers to become thoroughly familiar with this subject before spring comes.—Joseph Meehan, in *Prairie Farmer*.

#### Guy B. Pearsall.

It is with deep sorrow that we announce the death of Guy B. Pearsall, a promising young man, son of our well known and valued, Col. U. B. Pearsall, of Ft. Scott, Kansas. How inscrutable are the laws of life. The young man of 23 years, surrounded by peace and security, is stricken down, whilst the father, who passed through all the dangers of active service during the civil war, is still preserved. We are sure that all who know Col. Pearsall will join us in extending him our united and deepest sympathy in his bereavement.

#### The Weather.

The ground is covered with snow and the streets are in fine condition for sleighing. The thermometer registered four degrees below zero on the night of the 31st ult. We usually have cold weather here about the first of January, but the mercury rarely goes below zero. The coldest spells usually range from six above down to zero, but such weather lasts only a day or two and comes but once a year.

#### The American Pomological Society.

The twenty-fourth session of the American Pomological Society will be held at Sacramento, Cal., the 16th, 17th and 18th inst.

#### Advertising.

One of our prominent advertisers writes that he has had better results from his advertisement in *THE PRACTICAL NURSERYMAN* than from any other paper.

#### Variations in the Odors of Flowers.

"In the July issue is an article entitled, 'Variation in the Odors of Flowers', in which the question is asked, 'Has climate anything to do with it?' I think it has. I think mignonette, roses, azaleas, in fact nearly all odoriferous flowers are more fragrant in a moist than dry atmosphere. When I came to this country I fancied that roses of the same varieties were not so fragrant as in the northeastern part of England. When I came west we were disappointed at the flowers of same species not being so fragrant as in New England, especially in our hot, parching weather, and I think you will notice that flowers are more fragrant on a dewy morning than when the ground is dry and parched. But let us go further, and see if it does not hold good in trees.

The white spruce from Maine and Lower Canada has such a strong odor that it is called 'Skunk Spruce.' The odor of this tree in the drier atmosphere of Minnesota is not nearly as strong. I found the same tree near the summit of Terry's Peak, in the Black Hills of Dakota, and I had to rub a twig with the foliage, and bruise it in my hands, before I could perceive any odor, and what is more, I brought a small tree from Terry's Peak, and after it grew here two years, it had a perceptible odor.

Now if that is not enough, 'go to the dogs,' if you are a hunter, and you will see how nicely he will follow scent in the morning, while the dew is on the grass, and how often he will be at fault in the heat of the day when all is dry and parched.

Many good lessons may be learned from dogs in the way of odors. You will often see a dog that has picked up a piece of meat that is so tainted that he cannot eat it. He carries it to a place where he finds earth perfectly dry, scratches a cavity, covers the meat carefully with dry earth, goes back the next day, and digs it up free from odor; many of the human family might learn profitable lessons from dogs. A few shovels full of dry earth would deodorize many disagreeable odors in back alleys.

Many good traits may be learned from dogs.

'Dogs will not bark at those they love, nor fawn on those they hate.'—Robert Douglas, in *Meehans' Monthly*.



## THE HUNTSVILLE WHOLESALE NURSERIES PRICE LIST.

## THE HUNTSVILLE WHOLESALE NURSERIES.

In this issue of our price list we show the numbers, sizes and prices in all varieties remaining unsold at this date. Correspondents should, however, give us the privilege of substituting varieties, sizes and prices, as far as it can be allowed, if in a hurry for shipment, as we do not substitute, as a rule, without permission.

Two year old Kieffers will be scarce for the Fall of 1895. Those who desire to make a specialty of them in their sales through agents or dealers, had better engage them of us early in the season. We are ready to make prices at any time.

The Willard Plum will make a good selling specialty, as the earliest Japanese Plum. It is earlier than Wild Goose, or any of the European varieties. Get plates of it now for agents' use. The price next Fall will be the same as for other Japanese sorts.

Kieffer Pears, two years old, are very scarce. Our big one year trees will do. See our quotations.

Apple Seedlings f. o. b. at Huntsville, No. 1, 3-16 and all up, @ \$2.50 per 1000, in 5 M and 10 M lots.

We are sold out of Wragg, Eng. Morello and Ostheim, two years old. We have a good supply of one year olds, 2 to 3 feet. See October list for prices.

The Baltimore Belle and Queen of Prairie Roses we offer at \$30 and \$25 per 1000 are very fine plants,—as fine as can be bought anywhere. Will send samples if desired.

See reduction in prices on Figs. No injury from frost. We have a large stock of Celestial—the hardest and best sort for canning and preserving.

Notice the price made on Standard Pears,  $\frac{3}{4}$  to 1 inch and 11-16 to  $\frac{3}{4}$  inch, this month. We have a surplus of Bartletts, and will make special prices on them in car lots.

We have a large stock of *Prunus Pisardii* on Marianna stocks; fine low heads, two years old, very handsome. See special prices.

## THE HUNTSVILLE WHOLESALE NURSERIES.

We are the largest propagators of Japanese Plums, and have on hand the most complete assortment to be found in any nursery. Our varieties are correctly named and may be accepted as the standard in nomenclature.

We have a large stock of Orange and Meech's Prolific Quinces one year, from one foot high and upwards. Good plants true to name are scarce. Our trees are grown from grafts, made of cions taken from bearing orchards, and we know them to be pure.

## UNSOLICITED COMMENDATION.

WISCONSIN, Nov. 26, 1894.—The box of trees arrived the 24th. They were on the road during the cold spell, but there was not the least bit of frost in them. The trees were as usual fully up to grade, and of extra quality with surprising long roots, compared to those from a whole root nursery. You can justly make the claim that your trees are whole rooted.

KANSAS, Nov. 28, 1894.—In looking over an agricultural report, I notice that a Mr. Snyder, of Kansas, speaks of buying excellent nursery stock of parties at Huntsville, Ala. If you are acquainted with any parties in your vicinity who raise or handle fruit trees, will you kindly send name and address. Would like to correspond with a nurseryman with a view to buying trees.

TEXAS, Nov. 27, 1894.—Having seen a copy of THE PRACTICAL NURSERYMAN at a friend's office, and appreciating its great value to the nurseryman, I would kindly ask you to enter my name on your permanent mailing list. By complying with the request, you will greatly oblige.

NORTH CAROLINA, Dec. 13, 1894.—I received the trees in splendid condition, and was well pleased with them.

MISSISSIPPI, Dec. 6, 1894.—I have had the best of luck in getting my trees to grow. Have only lost two Kieffer pear trees out of the whole lot.

KANSAS, Nov. 19, 1894.—Enclosed find copy for ad. to occupy one page in the P. N. We never placed an ad. anywhere that did us so much good.

# The Huntsville Wholesale Nurseries,

JESSIE S. MOSS, PROPRIETOR.

W. F. HEIKES, MANAGER.

REFERENCES: W. R. Rison &amp; Co., Bankers, Huntsville, Ala., and the Mercantile Agencies

ADDRESS ALL CORRESPONDENCE TO

**W. F. HEIKES, MANAGER,**  
HUNTSVILLE, ALABAMA.

## Fall of 1894 and Spring of 1895.

Tract of 1,000 Acres. Over 800 Acres closely Planted in Nursery Stock. Nothing over Two Years Old.

The publication of this list abrogates previous quotations.

Except where prices are agreed upon, these quotations are subject to change without notice.

See Terms and Conditions governing these quotations on another page.

### GRADE-COUNT QUOTATIONS.

Should the grade ordered be sold, state whether the next higher or lower grade may be substituted.

<b>PEARS. Standard.</b>	<i>Easter.</i>	<i>Editor.</i>	<i>Eldest.</i>	<i>Flicit.</i>	<i>Empire.</i>	<i>Entrap.</i>	<i>Enrich.</i>
Two Years.	1 to 1½ in.	5 to 7 feet	5 to 7 feet	5 to 6 feet	4 to 5 feet	4 to 5 feet	3 to 4 ft.
Budded on Transplanted Stocks.	Extra Pr C \$12.50	¾ to 1 in. Pr M \$100 " C 13.50	11-16 to ¾ Per M \$95 " C 12.50	¾ to 11-16 Per M \$75 " C 9	9-16 to ¾ Per M \$60 " C 7.50	½ to 9-16 Per M \$50 " C 6.50	¾ to 4 ft. Pr M \$40 " C 4.50
Bartlett.....	10500	6000	4000	6000	7500	5500	6000
B. D'Anjou.....	1630	2150	970	220	1100	1300	1000
Buffum.....	350	520	460	70	330	200	60
Clapp.....	460	520	150	60	..	400	500
Howell.....	500	670	340	80	450	450	..
Lawrence.....	1260	1170	630	90	..	50	100

<b>PEARS. Standard.</b>	<i>Facile.</i>	<i>Famous.</i>	<i>Farmer.</i>	<i>Farther.</i>
One Year.	5 to 6 feet Pr C \$12.50	4 to 5 feet Per M \$95 " C 11.50	3 to 4 feet Per M \$75 " C 10	2 to 3 feet Per M \$60 " C 7.50
Bartlett.....	10500	7400	3250	2100
B. D'Anjou.....	1630	2150	970	220
Bessemlanka.....	350	520	460	70
Buffum.....	460	520	150	60
Clapp.....	500	670	340	80
Duchess.....	1260	1170	630	90
Early Harvest.....	250	370	290	30
Garber.....	5630	2190	1710	50
Gakovska.....	330	210	240	20
Howell.....	270	250	170	30
Jefferson.....	100	320	170	50
LeConte.....	5000	2000	2000	2000
Lawrence.....	50	160	110	20
Smith's Hybrid.....	320	140	70	10

This is one of the handsomest lots of Standard Pears we have grown or that we have seen anywhere. They are all budded upon transplanted stocks and have well furnished roots. If not wanted at one year old, keep them in mind for next year.

IDAHO, 5 to 7 feet, \$15 per 100, \$135 per 1000.



## THE HUNTSVILLE WHOLESALE NURSERIES PRICE LIST.

PEARS. Standard.	Endless.	Edible.	Edifice.	Enlarge.	Elbow.	Elegy.	Effort.
One Year.	6 to 8 feet	5 to 7 feet	5 to 6 feet	4 to 5 feet	3 to 4 feet	2 to 3 feet	1 to 2 ft
Root Grafts.	$\frac{5}{8}$ & up	9-16 & up					
Little if any bran.	Pr M \$115	Pr M \$100	Per M \$90	Per M \$75	Per M \$60	Per M \$35	Pr M \$25
	" C 12.50	" C 12	" C 10	" C 8	" C 6.50	" C 4	" C 3
Kieffer.....	5000	10000	25000	10000	15000	10000	3000

These Kieffers are from root-grafts transplanted and cut back to the ground at one year old. The roots are two years old. They are very handsome, having the appearance of budded trees.

The largest size will be graded  $\frac{5}{8}$  and up. This is an extra grade of one year trees, and will do to fill dealers and agents orders in the present scarcity of two-year Kieffers.

PEARS. Dwarf.	Gulley.	Gamble.	Garnet.				
One Year.	3 to 4 feet	2 to 3 feet	1 to 2 feet				
	Pr M \$40	Pr M \$30	Per M \$25				
	" C 5	" C 4	" C 3				
Duchess d'Anjouleme.	600	2600	2200				

The Duchess d'Anjouleme still retains its reputation of being the most desirable and profitable among the varieties of pears grown as dwarfs.

AMERICAN.	Hammer.	Hoppen.	Harden.	Harrow.	Hasten.	Hatter.	Haven.
PLUMS. 2 Years.	5 to 6 feet	5 to 6 feet	5 to 6 feet	4 to 5 feet	4 to 5 feet	4 to 5 feet	3 to 4 ft.
On Marianna.	$\frac{3}{4}$ to 1 in.	11-16 to $\frac{3}{4}$	$\frac{3}{4}$ to 11-16	9-16 to $\frac{3}{4}$	$\frac{1}{2}$ to 9-16	7-16 to $\frac{1}{2}$	
Well Branched.	Pr M \$150	Pr M \$145	Pr M \$135	Pr M \$125	Pr M \$100	Per M \$75	Pr M \$60
	" C 17.50	" C 16.50	" C 15	" C 13.50	" C 12.50	" C 9	" C 7.50
Cheney.....	160	210	300	420	400	340	280
DeSoto.....	1100	600	..	1400	1900	1300	1400
Forest Garden.....	1000	500	..	300	1100	800	1300
Hawkeye.....	130	50	100	800	1500	1100	1800
Ogon.....	170	70	70	100	..	20	15
P. Pissardi.....	200	320	80	40	30	..	175
P. Simoni.....	3700	680	350	480	370	320	..
Quaker.....	250	600	50	400	770	980	770
Rollingstone.....	..	..	90	390	500	170	320
Roulette.....	240	190	160	290	330	230	170
Weaver.....	650	1200	100	700	1500	650	1400
Wolf.....	900	200	150	2600	2300	1400	1100

SPECIAL PRICES.—PRUNUS PISSARDI, any size, @ \$10 per 100.

AMERICAN.	Keenly.	Keeper.	Kernel.	Kidnap.	Kindle.	Kitten.
PLUMS. 1 Year.	5 to 6 feet	4 to 6 feet	4 to 5 feet	4 to 5 feet	3 to 4 feet	2 to 3 feet
On Marianna.	$\frac{5}{8}$ & up.	9-16 to $\frac{5}{8}$	$\frac{1}{2}$ to 9-16	7-16 to $\frac{1}{2}$		
Branched.	Pr M \$125	Pr M \$115	Pr M \$100	Per M \$90	Per M \$60	Per M \$50
	" C 13.50	" C 12.50	" C 11.50	" C 10	" C 7	" C 6
DeSoto...	2500	1300	920	2500	3600	1500
Forest Garden.....	3000	1580	1330	1750	1430	970
Hawkeye.....	1500	1250	1250	1370	2130	1140
P. Pissardi.....	..	..	720	930	870	350
Quaker.....	1200	1080	400	1060	1900	730
Weaver.....	800	180	1100	1610	1820	1010
Wolf.....	1990	1140	1740	2110	1520	840

CHICKASAW.	Knarish.	Knitting.	Knotty.	Knowing.	Knuckle.	Koran.	Kitchen.
PLUMS. 1 Year.	5 ft. & up	5 to 6 feet	4 to 6 feet	4 to 5 feet	4 to 5 feet	3 to 4 feet	2 to 3 ft.
On Marianna.	11-16 & up.	$\frac{1}{2}$ to 11-16	9-16 to $\frac{1}{2}$	$\frac{1}{2}$ to 9-16	7-16 to $\frac{1}{2}$		
Branched.	Per M \$80	Per M \$75	Per M \$60	Per M \$50	Per M \$45	Per M \$35	Pr M \$25
	" C 9	" C 8	" C 7	" C 6	" C 5	" C 4	" C 3
Golden Beauty.....	..	..	..	..	150	620	210
Robinson.....	..	..	..	..	530	200	350
Roulette.....	220	200	320	360	340	320	250
Wayland.....	540	240	360	530	500	400	300
Wild Goose.....	4600	1800	3300	2800	1400	2300	1110
Whitaker.....	550	340	260	170	210	360	200

## THE HUNTSVILLE WHOLESALE NURSERIES PRICE LIST

ORIENTAL. PLUMS. 1 Year.	Lessen.	Letter.	Liking.	Limber.	Limpid.	Linger.	Liquor.
On Marianna.	5 ft. & up. 11-15 & up	4 to 6 feet ¾ to 11-16	4 to 5 feet 9-16 to ¾	4 to 5 feet ½ to 9-16	4 to 5 feet 7-16 to ½	3 to 4 feet	2 to 3 ft.
Branched.	Pr M \$135 " C 15.50	Pr M \$125 " C 13.50	Pr M \$115 " C 12.50	Pr M \$100 " C 11.50	Pr M \$75 " C 10	Per M \$50 " C 6	Pr M \$45 " C 5
Abundance (Botan).....	1500	100	1900	200	..	400	700
Berckmans (Sw. Botan).....	410	280	240	80	..	..	30
Bailey.....	240	60	50	30	10	..	5
Burbank.....	3000	1100	1400	..	..	..	150
Chabot.....	380	150	130	80	50	..	10
Kelsey.....	170	150	100	40	120	70	120
Kerr (Hattankin No.2).....	..	..	..	3	..	..	..
Maru.....	150	60	20	10	10	8	5
Normand.....	250	35	..	..	..	..	..
Ogon.....	400	130	..	..	..	..	..
P. Simoni.....	160	240	400	280	70	280	35
Satsuma (Blood).....	300	..	..	370	200	..	40
Shiro Smomo.....	140	60	40	20	..	..	..
Yellow Japan.....	1400	820	800	500	420	380	70
Yosobe.....	70	30	100	50	30	100	30
Willard.....	650	300	1350	750	500	780	..

SPECIAL PRICES.—Willard, \$20 per 100.

SATSUMA, in lots of 300 or over, 3 to 5 ft, \$30 per 1000; 2 to 3 ft. \$25 per 1000

CHERRIES. 2 Yrs	Object.	Oblige.	Oblong.	Octave.	Office.	Onward.	Oppose.
Well Branched.	5 ft. & up. ¾ to 1 in.	5 to 6 feet 11-16 to ¾	4 to 5 feet ¾ to 11-16	4 to 5 feet 9-16 to ¾	4 to 5 feet ½ to 9-16	3 to 4 feet	2 to 3 ft.
	Per M \$85 " C 11.50	Per M \$85 " C 9.50	Per M \$75 " C 8.50	Per M \$65 " C 7	Per M \$5 " C 5	Per M \$35 " C 4	Pr M \$25 " C 3
B. Tartarian.....	130	..	..	..	..	100	200
Dyehouse.....	1800	400	600	120	600	220	350
Early Richmond.....	12000	5000	4000	3500	3000	7800	6000
Eng. Morello.....	..	..	..	..	1000	800	4500
Esel Kirsche.....	1250	350	330	500	170	440	490
E. Lamaurie.....	870	..	..	..	..	20	60
Gov. Wood.....	390	..	..	..	..	200	100
Manger.....	130	70	10	100	..	70	110
May Duke.....	730	400	350	300	..	600	750
Montmorency.....	1800	1000	1000	3700	1600	500	3460
Nap. Bigarreau.....	130	..	..	..	..	50	70
Olivet.....	1500	750	660	560	700	430	730
Ostheim.....	..	..	..	..	300	600	1900
Wragg.....	..	..	..	..	..	150	1120
G. Precoce.....	..	..	..	10	10	15	50
Lutovka.....	..	..	50	10	30	25	100
Vladimir.....	..	..	40	50	..	..	110

APRICOTS. 1 Year	Unit.	Udder.	Ugly.	Under.	Utter.	Ulster.
On Marianna.	5 ft. & up ¾ and up	4 to 6 feet ¾ to ¾	4 to 6 feet 9-16 to ¾	4 to 5 feet ½ to 9-16	3 to 4 feet	2 to 3 feet
	Per M \$85 " C 9.50	Per M \$80 " C 9	Per M \$75 " C 8	Per M \$60 " C 7.50	Per M \$50 " C 7	Per M \$35 " C 6
Catherine (Russian).....	210	..	380	250	400	85
Gortschakoff.....	330	480	370	490	480	130
Skobeloff.....	30	35	..	50	110	30

MULBERRIES, One Year.	Wabble.	Wagon.	Wander.	Welter.	Western.	These Mulberries
	6 to 8 feet Per M \$85 " C 10	5 to 6 feet Per M \$75 " C 8.50	4 to 5 feet Per M \$65 " C 7.50	3 to 4 feet Per M \$50 " C 6.50	2 to 3 feet Per M \$45 " C 5	are grown at our branch nurseries at Biloxi, Miss., and these prices are for the trees delivered at the depot there.
Hicks.....	1500	500	900	1000	650	Boxing and baling extra. Mulberries mature early at Biloxi and will be firm and sound to the tips.
	Pr M \$125 " C 13.50	Pr M \$115 " C 12.50	Pr M \$100 " C 11.50	Per M \$75 " C 9	Per M \$60 " C 7	
Downing.....	700	400	650	880	250	
New American.....	200	190	168	260	100	

QUINCES. 1 Year.	Tactics.	Tadpole.	Taffy.	Our Quinces are all grafted from wood cut from bearing trees, so that we know them to be genuine. It is impossible to keep a lot of budded quinces pure.
	3 to 4 feet Per M \$90 " C 9.50	2 to 3 feet Per M \$70 " C 7.50	1 to 2 feet Per M \$50 " C 4.50	
Orange.....	6500	15000	10000	
Meech's.....	300	6000	4000	

SPECIAL PRICES.—PORTUGAL, OR PEAR SHAPED QUINCE, 4 to 5 feet, \$6.00 per 100; 3 to 4 feet \$5.00 per 100.

## THE HUNTSVILLE WHOLESALE NURSERIES PRICE LIST.

PEACH TREES.	Rancor. 5 ft. & up ¾ ft. & up	Ransom. 4 to 6 feet ¾ to ¾	Rattle. 4 to 6 feet 9-16 to ¾	Rebate. 4 to 5 feet ½ to 9-16	Recite. 3 to 4 feet	Render 2 to 3 feet	Resource 1 to 2 ft.
	Per M \$50 " C 5	Per M \$60 " C 6.50	Per M \$55 " C 6	Per M \$50 " C 5.50	Per M \$45 " C 4.50	Per M \$35 " C 4	Pr M \$20 " C 2.50
On Peach Stocks.							
Ark. Traveler.....	25						
Albright's October....	16	280	240	320	420	200	
Blood Cling.....	3				130		
Oarpenter's Cling.....	1200	75			50		
Chinese Blood.....	110	60	60		100	70	
Chinese Cling.....	380	320	210		60		
Champion.....	1100	820	860	400	1000		
Crosby.....	1400	1780	2300	2200	4440	2190	790
Columbia.....		80		100	210	180	
Early Barnard.....	200	250			270	50	
Early Rivers.....	90						
Early Tillotson.....	160	70					
Elberta.....	4700	5700	3300		2600	1400	
Family Favorite.....	400	70					
Globe.....	10	60	35				
Hynes' Surprise.....	170						
Hales' Ea.....	360	240			120		
Hill's Chili.....						180	
Heath Cling.....	230	200					
J. Kerr.....	130	100			80	20	
Japan Blood.....	170	10		20			
Lady Ingold.....	740	250					
Levy's Late.....	160	150		40			
Longhurst.....	240	100	90	20	900	350	
Lemon Cling.....	130	140	50		30		
Mamie Ross.....	50	100	30	50	10		
Muir.....	110	200	380		1500	440	
Mary's Choice.....	110	190	190			50	
Mt. Rose.....	140	20					
O. Mixon Free.....			50				
O. Mixon Cling.....	390	250	135				
Onderdonk.....	50					30	
Picquet's Late.....	160						
Reeves' Favorite.....		95	65				
Salway.....	210	110	80				
Susquehanna.....	30	120	50				
Stump.....	280	20					
Snow's Orange.....					570	450	
Thurber.....	60	40					
Tuskana.....	90	45	40	40	30	20	
Wager.....		70	260		1800	400	
Wheatland.....		80	40	30			
Wonderful.....	150						

CHAMPION, add 50 per cent. to above prices. CROSBY, double above prices.

ROSES. One Year	Zebra. Extra.	Zenith. No. 1.	Zero. No. 2.
	Per M \$30 " C 3.50	Per M \$25 " C 3	Pr M \$17.50 " C 2

Faltimore Belle.....

Queen of Prairie.....

8000

4000

5000

2000

3000

1000

Grown from cuttings at our branch nurseries, Biloxi, Miss. Price of boxes or bales to be added. Delivered at depot at Biloxi. On orders for Northern customers for Spring delivery, we will pay freight to St Louis, and hold in cold storage there until wanted. The Extra

and No. 1 plants will have three or more branches and will be cut back to 30 to 36 inches.

FIGS. One Year.	Woolen. 3 to 4 feet	Worted. 2 to 3 feet	Wizzard. 1 to 2 feet
	Per M \$65 " C 7	Per M \$90 " C 6.50	Per M \$50 " C 6

From Cuttings.

Celestial.....

Lemon.....

500

300

3500

200

400

200

Grown at our branch nurseries, Biloxi, Miss., where they escape early frosts. They mature in good season and the wood is not liable to be injured by frost in the Fall and Winter. The best variety for orchard planting and canning is the Celestial, which we are growing largely. Shipments from Biloxi.

APPLE SEEDLINGS } Nebraska grown. No. 1, 3-16 and all up, \$2.50 per 1000, f. o. b. at Huntsville, Ala.

## HEIKES--HUNTSVILLE--TREES.

Always address all correspondence to

W. F. HEIKES, Manager,  
HUNTSVILLE, ALABAMA.

## THE HUNTSVILLE WHOLESALE NURSERIES PRICE LIST.

## Terms and Conditions Governing Quotations in the Price List of the Huntsville Wholesale Nurseries.

**RATES.**—As we send this list to the trade only, we make the difference in prices between the 10, 100 and 1000 rates very slight—simply sufficient, as a rule, to cover the difference in the expense of handling in the smaller numbers. We uniformly tie in bunches of 10, when consistent with the order, and we suggest to our customers to make their orders for varieties in multiples of 10 as far as practicable. Orders for 50 and not over 300 trees, if for not less than 10 of a variety, will be charged at the rate per hundred. Orders requiring 300 trees or more, and not less than 10 of a variety, will be filled at the lowest quoted prices. Orders for less than 10 trees of one variety, will be charged at the rate per ten.

**SEASON.**—Our packing and shipping season begins by the 20th of September, and continues until about the first of March.

We have great advantages to offer here in early shipments for the North in Spring. We do not accept orders for trees we do not grow, as we never buy trees to sell again. You can depend upon us for fresh dug trees. Each order is taken up separately, and not until it is wanted for shipment.

**SHIPPING DIRECTIONS.**—We respectfully beg our patrons to furnish us with explicit directions as to shipping, and the mode of conveyance by which they desire trees forwarded. When no particular directions are given, we forward according to the best of our judgment. *But in no case do we assume any responsibility as to safe delivery and condition of Trees and Plants after a proper shipment by us.*

**RELEASE.**—When prepayment of freight is not required, we will Release and Guarantee, and take forwarder's receipt and mail to consignee. It is left to the option of the shipper of trees over some railroads, whether he will release them or not under the clause "Value less than \$5.00 per 100 lbs." If released under this clause, the freight is less on roads governed by this classification, and we will assume it to be proper to make this release, without reference to the value of the trees, unless instructed to the contrary. This clause does not apply upon roads under some of the district classifications, and because of this confusion we will not be held responsible for any oversight to release, unless instructed by our customers. Claims for delay or loss must be made to the forwarders.

**PACKAGES.**—The cost of package must be added to the prices quoted in this list, as follows: Boxes 30 inches square, from 7½ to 9 feet long, as the trees may require, each \$2.50; boxes 24 inches, \$2.00; boxes 18 inches, \$1.50; bales from 25c. to 75c. each.

**PACKING.**—Goods will be packed in moss, and especial care taken to insure their arrival in the best condition.

**ASSORTMENTS.**—We do not require customers to take an assortment they do not wish, but will sell one variety alone if desired. If any substitution can be allowed, either in grade or variety, it should be so stated when making the order. As a rule we do not substitute without permission.

**CAUTION.**—We accept all orders upon the condition that they shall be void, should any injury befall the trees from frost, hail, storm, fire, or other causes over which we have no control.

**TERMS.**—Cash. When desired, we will allow 30 to 60 days from date of shipment, to responsible.

prompt-paying customers. Parties with whom we have had no business transactions, will save time by sending reference, Bank, if possible, with order. We wish it expressly understood that payment is expected from the first collections made, and the time named is only intended as so many days of grace in which to make returns. To northern customers, who wish to lay in stock for Spring trade, we will ship late in Fall or early in Spring, and allow time for payment till May 15th. If shipment is required in the Fall for Spring use, a note is to be given upon receipt of the trees. We do not allow any discount for cash, but we make our prices low to command cash, or prompt returns. In orders when the time is not mentioned, 30 days is to be understood. Interest at the rate of 8 per cent. per annum must be paid on over due accounts. Should prices be changed, either higher or lower, during the season, the prices ruling at the time the order is made, are expected to stand.

**FORMS OF PAYMENT.**—All bills are payable at the office of the seller, and remittances should be made by drafts on New York, Chicago or St. Louis, or by money orders on some Express Company, or by postal orders. We will, however, accept checks from those of our customers who may be located at places having no banking, express or postal facilities, provided they make them in every case payable "with exchange", or add ¼ of one cent, to the amount of the bill for the cost of collection.

**GRADES.**—We grade very carefully, in some cases by caliper, in others by height. When graded by both caliper and height, the caliper must govern, as the height then named is only to be considered approximately. When graded by height or caliper, we include the lower number and exclude the higher. Instance: in a grade of 4 to 5 feet trees, the 4 feet trees are included, but not the 5 feet trees. If 5 feet trees are wanted, the 5 to 6 feet grade must be ordered.

**GUARANTEE OF GENUINENESS.**—While we exercise the greatest diligence and care to have all our Trees, etc., true to label, and hold ourselves in readiness, on proper proof, to replace all trees, etc., that may prove untrue to label, free of charge, or refund the amount paid, it is mutually understood and agreed to, between the purchaser and ourselves, that our guarantee of genuineness shall in no case make us liable for any sum greater than that originally received for said trees, etc., that shall prove untrue.

**ACCEPTANCE.**—Notice should be sent us by telegraph, at our expense, if there is any cause of complaint, or should the trees be refused, stating reasons. Claims for deduction, from whatever cause, will receive consideration only when made promptly upon the receipt of the trees. If trees show any signs of shrivelling upon arrival, they can usually be restored by being thoroughly watered and buried entirely under the ground for two or three days. Should there be any frost in the trees upon arrival, they should not be removed from the box until the frost is all out. The box should be placed in the cellar or protected in some other way. The presence of frost in the boxes is not to be considered an evidence of bad condition, as we pack to secure the trees against damage, if the frost is allowed to come out in the natural way. Goods will be considered accepted if removed from the boxes in which they are packed, without notice of complaint to us, and without our orders for their disposition.



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IN CAR-LOAD LOTS. Stock promises to be of *extra* quality: is complete in assortment; will be carefully handled and graded to highest standard. *Personal* inspection and correspondence solicited. Special prices on *car-load* lots and early orders. Trade list ready September 1st. *Good Stock of Buds* in season, also *large lot of Apple Seedlings*. Special prices.

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Apple, Peach and Cherry Trees.

Apple Seedlings.  
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LARGE STOCK OF

Soft Maple.....2 to 3 in. caliper  
Elm.....1½ to 2½ in. caliper  
Ash and Catalpa.....2 to 2½ in. caliper

We have one of the best blocks of 2-year apples in the west—largely commercial sorts. Low prices on car lots.

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**All Moss Guaranteed First Class.**

Write for prices.

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**Apple Seedlings!**

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Our regular **PIECE ROOT GRAFTS** will be of a superior quality this season, yet price no higher. We wish especially to call your attention to this branch of our business. Write for prices and samples.

While we yet have a limited supply of No. 1 and No. 2 Apple Seedlings, as well as a No. 1, heavy grade, **branched** Apple Seedlings, we wish especially to call your attention to our supply of home grown Pear Seedlings from French pear seed in following grades:

3-16 inch and all up **branched** root.

3-10 inch and all up straight tap root.

1-4 inch and all up straight tap root.

These seedlings are very strong, in perfect condition, and the pear seedlings have good, long tops.

We will be pleased to send samples and quote prices so long as our supply lasts.

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**NIAGARA NURSERIES**  
ESTABLISHED 1839  
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AND ALL OTHER NURSERY PRODUCTS.  
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Apple Grafts Made to Order.

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Cherry,  
Plum

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(514)

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

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More than 5,000 of these machines have been sold since the first patent was issued, in 1882. No purchaser has ever entered a complaint. We challenge such! Our machine is a pronounced success.

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I can supply any amount of Moss wanted, either dry in bales, or damp in bulk.

Try our beautiful Xmas Trees. I pack them so they do not break in shipping. I have 20 years experience in handling these goods.

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I am absolutely the only dealer in this vicinity who owns the swamp from which the moss is taken, and I personally superintend getting out the moss for my customers. I can therefore guarantee my moss to be of the very best quality and the bales to be of the largest size. Moss can be supplied in any quantity desired, either in bulk or in bales. Be sure to get my prices before placing your orders elsewhere. (4512)

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